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—representing food retailers

Mr. Michael Frost, Director of Environmental Energy and Supply Services, Canadian Pulp & Paper Association
—representing newsprint manufacturers

Mr. John Hanson, Executive Director, Recycling Council of Ontario
—representing the Recycling Council of Ontario

Mr. Stuart Hartley, Executive Director, Ontario Soft Drink Association
—representing the Ontario Soft Drink Association

Mr. Joseph P. Hruska, Executive Director, Canadian Tinplate Recycling Council
—representing the steel industry

Mr. C. Isaacs, Executive Director, The Pollution Probe Foundation
—representing a non-governmental environmental organization

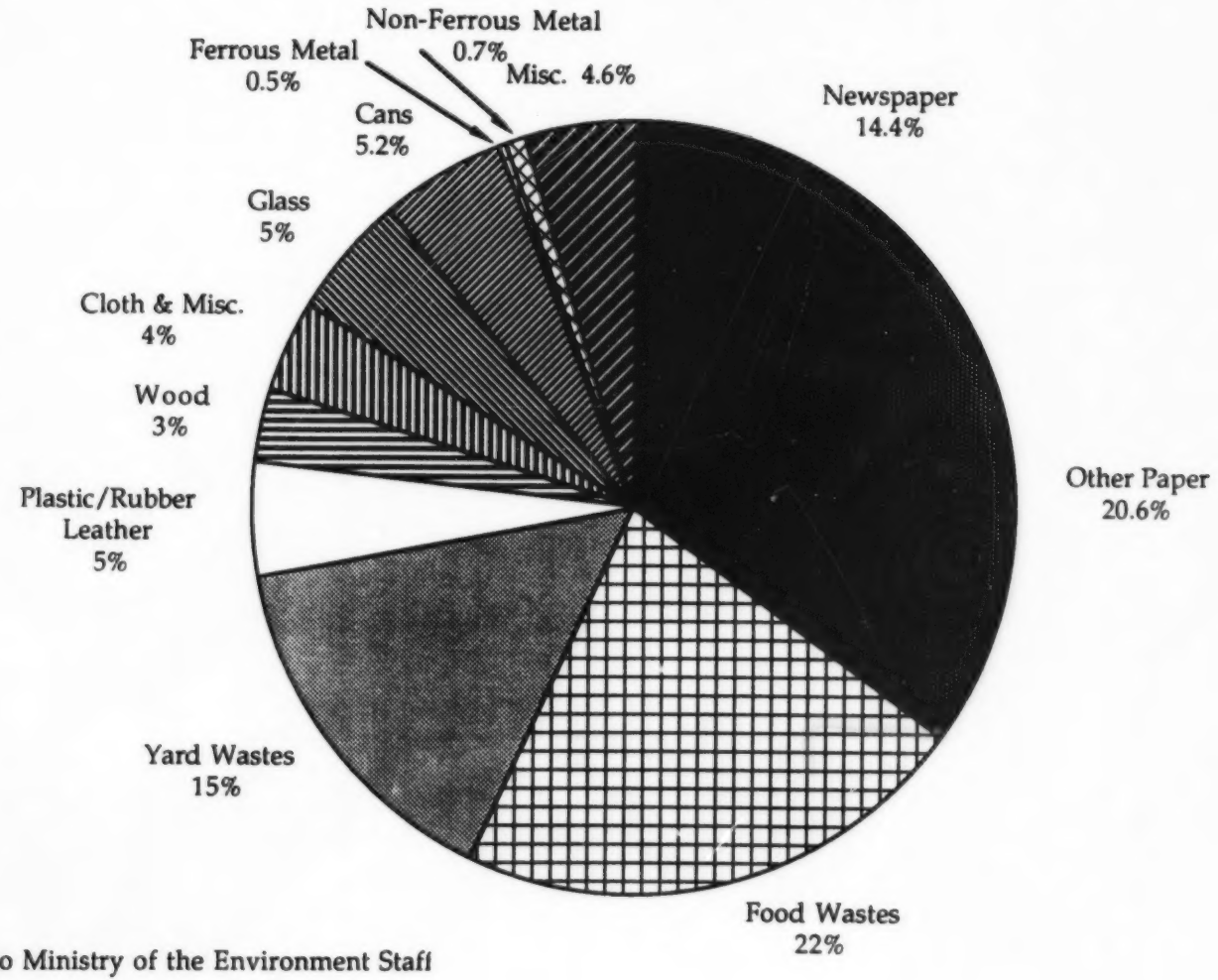
Ms. Janet Mitchell, Councillor, Region of Halton
—representing the Association of Municipalities of Ontario

Mr. Michel Primeau, National Recycling Manager, Alcan Rolled Products Co.
—representing the aluminum industry

Mr. J. D. Scott, President, Crown Cork & Seal Canada Inc.
—representing metal can manufacturers

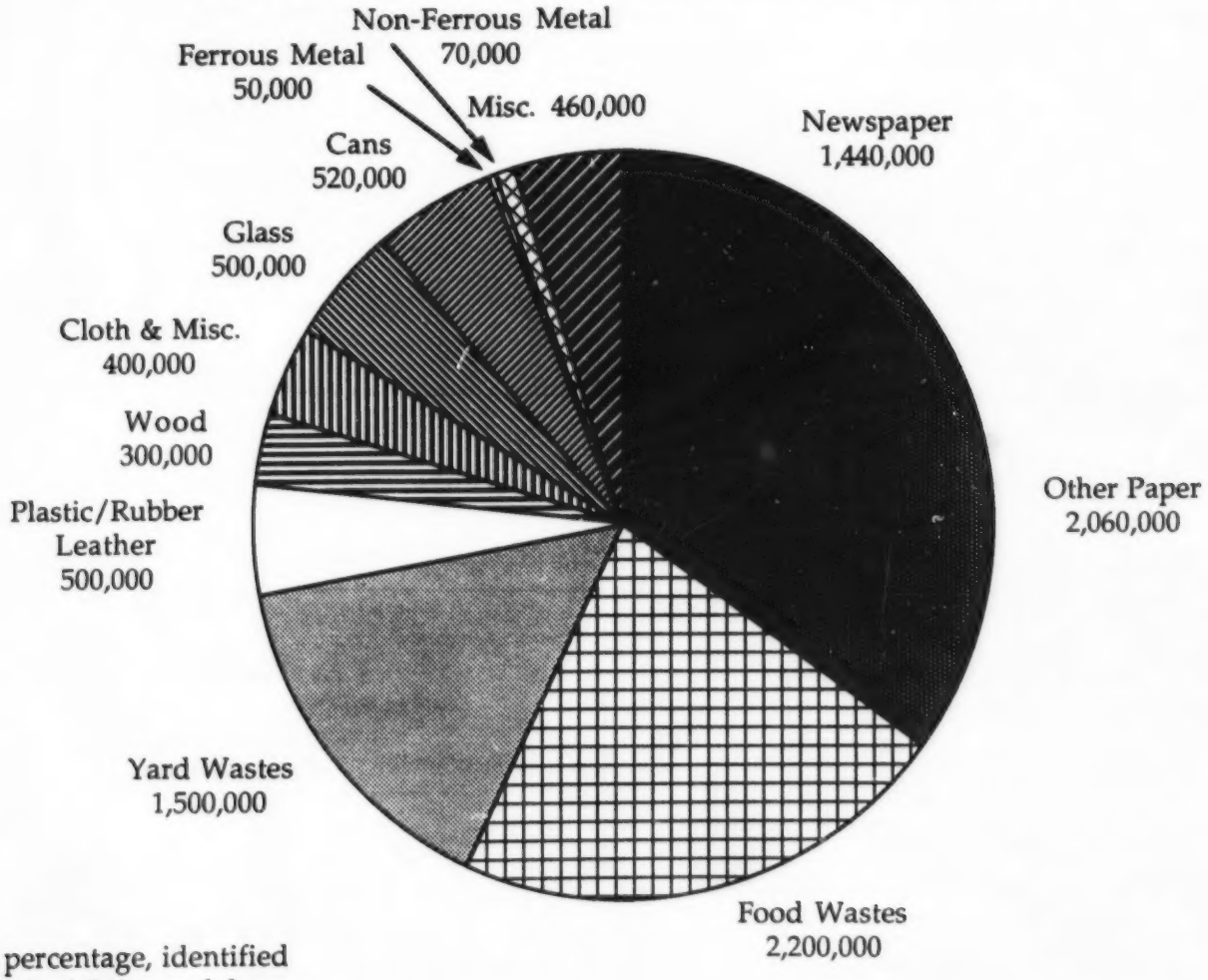
Mr. Joe E. Souccar, President, CB Pak Inc.
—representing the glass industry

Figure 1
Composition of Ontario MSW*
(Residential & Commercial/Industrial)



*Notes:
1. Source: Ontario Ministry of the Environment Staff
2. % by weight
3. Categories require further definition (ie. Cans)

Figure 2
Composition of Ontario MSW*
(Residential & Commercial/Industrial) Metric Tonnes



* Note: Applies percentage, identified on Figure 1, to the Ministry of the Environment Staff estimate of 10,000,000 tonnes of MSW disposed in Ontario in 1988.

Table 1A
PRODUCTS DISCARDED INTO THE U.S. MUNICIPAL WASTE STREAM*
(In millions of tons and percent)

Products	"1970"		"1986"		"2000"	
	tons	%	tons	%	tons	%
Durable Goods	13.9	12.4	19.2	13.6	23.0	13.6
Nondurable Goods	21.4	19.0	35.4	25.1	47.5	28.1
Containers and Packaging	39.3	34.9	42.7	30.3	50.7	30.0
Other Wastes**	37.8	33.6	43.4	30.8	47.5	28.1
TOTAL	**112.4**	**100.0**	**140.7**	**100.0**	**168.8**	**100.0**

Table 1B
PRODUCTS DISCARDED INTO THE ONTARIO MUNICIPAL WASTE STREAM*
(In millions of tons and percent)

Products	"1970"		"1986"		"2000"	
	tons	%	tons	%	tons	%
	0.5	12.2	0.7	13.5	0.9	13.4
Durable Goods	0.8	19.5	1.3	25.0	1.9	28.3
Nondurable Goods	1.4	34.2	1.6	30.7	2.0	30.0
Containers and Packaging	1.4	34.1	1.6	30.8	1.9	28.3
Other Wastes**						
TOTAL	**4.1**	**100.0**	**5.2**	**100.0**	**6.7**	**100.0**

* Wastes discarded after materials recovery and before energy recovery.
Details may not add due to rounding

**The other wastes category is primarily composed of yard and food waste.

Source: Franklin Associates, Ltd.

TABLE 2
PARTIAL ESTIMATE OF RATIOS OF DURABLE GOODS SOLD IN ONTARIO*

ITEM	DOLLAR VALUE	PERCENT OF TOTAL $ VALUE	UNIT	UNIT DESCRIPTION
FURNITURE & FIXTURES	$944,548,696	29.8%		
RUBBER TIRES & TUBES	$562,509,948	17.8%	14,101,274	NUMBER
RECREATION EQUIPMENT	$292,373,536	9.2%		
COOKING UTENSILS — METAL	$204,248,044	6.5%		
COOKING EQUIPMENT FOR FOOD	$192,399,844	6.1%	1,609,502	NUMBER
HAND TOOLS & CUTLERY	$161,991,648	5.1%		
BATTERIES	$128,826,516	4.1%	25,482,916	NUMBER
JEWELLRY & SILVERWARE	$112,620,144	3.6%		
REFRIGERATORS & FREEZERS	$111,110,272	3.5%	301,349	NUMBER
WASHING MACHINES	$69,004,936	2.2%	168,662	NUMBER
WATCHES & CLOCKS	$59,725,120	1.9%	1,303,103	NUMBER
DISHWASHERS	$58,708,832	1.9%	172,388	NUMBER
AIR CONDITIONERS	$50,956,360	1.6%	113,267	NUMBER
BROOMS, BRUSHES, MOPS	$34,570,172	1.1%		
VACUUM CLEANERS	$31,052,476	1.0%	290,610	NUMBER
LAWN MOWERS	$30,558,528	1.0%	88,908	NUMBER
PORTABLE LAMPS	$26,693,940	0.8%		
FANS (EXCLUDING INDUSTRIAL)	$22,994,244	0.7%	305,359	NUMBER
BATHTUBS	$20,367,620	0.6%		
SINKS	$18,688,488	0.6%		
TOILETS	$9,761,752	0.3%		
HUMIDIFIERS	$6,773,312	0.2%	106,700	NUMBER
SHOWER UNITS	$6,317,220	0.2%		
SMOKE DETECTORS	$5,793,424	0.2%		
SPACE HEATERS	$1,846,208	0.1%	55,050	NUMBER
TOTAL	$3,164,441,280	100.0%		

*Based on information from Statistics Canada, 1983.

Note: Estimates of sales value only, and may not reflect amount entering waste stream.
These figures summarize available public data and therefore do not include the value of all durable goods sold in Ontario.

TABLE 3

PARTIAL ESTIMATE OF NON-DURABLE GOODS AS A COMPONENT OF ONTARIO MUNICIPAL SOLID WASTE STREAM*

ITEM	DOLLAR VALUE	PERCENT OF TOTAL $ VALUE	UNIT	UNIT DESCRIPTION
APPAREL & ACCESSORIES	$2,016,114,828	43.5%		
TOILETRIES, CLEANING PREPARATIONS	$718,160,352	15.5%		
BATTS, FELTS, YARNS, THREADS, CORD	$384,206,732	8.3%		
FOOTWEAR	$340,971,176	7.4%	23,995,244	PAIRS
FINE PAPERS	$260,769,964	5.6%	46,298	METRIC TONNES
CARPETS	$228,729,956	4.9%	24,986,104	SQUARE METRES
CONVERTED PAPER	$211,355,144	4.6%		
BOOKS & PRINTING PAPER	$108,891,328	2.3%	114,382	METRIC TONNES
BEDDING TEXTILES	$105,580,020	2.3%		
HOUSEHOLD & PERSONAL EQUIPMENT — OTHER	$90,685,504	2.0%		
PAPER TOWELS	$57,872,724	1.2%	44,914	METRIC TONNES
FACIAL TISSUES	$36,198,708	0.8%	17,365,750	KILOGRAMS
TABLECLOTHS, NAPKINS & RELATED	$35,489,636	0.8%		
PAPER CUPS & PLATES	$16,540,524	0.4%		
KITCHEN UTENSILS & FLATWARE — PLASTIC	$10,386,012	0.2%		
WASHCLOTHS & BATH MATS	$8,358,896	0.2%		
CUSHIONS & PILLOWS	$4,648,644	0.1%		
TOTAL	**$4,634,960,148**	**100.0%**		

*Based on information from Statistics Canada, 1983

Note: These figures summarize available public data and therefore do not include the value of all containers and packaging sold in Ontario.

TABLE 4
PARTIAL ESTIMATE OF RATIOS OF
CONTAINERS AND PACKAGING SOLD IN ONTARIO*

ITEM	DOLLAR VALUE	PERCENT OF TOTAL $ VALUE	METRIC TONNES	UNITS	UNIT DESCRIPTION
FOLDING BOXES & CARTONS	$200,131,568	20.3%			
CANS — METAL, FOR FOOD	$148,523,648	15.0%			
PLASTIC BAGS	$146,650,868	14.9%			
WRAPPING, PACKAGING & RELATED PAPER	$113,471,540	11.5%	35,091.4		
PAPER BAGS	$88,661,664	9.0%			
CANS — METAL, BEVERAGE	$67,155,088	6.8%			
CORRUGATING BOARD	$49,617,932	5.0%	7,730.0		
CLOSURES, ACCESSORIES, & PARTS — METAL	$38,506,832	3.9%			
CONTAINERS — PLASTIC FOAM	$35,701,484	3.6%			
OTHER PLASTIC CONTAINERS	$34,082,776	3.5%		269,457,188	Containers
PLASTIC FOOD CONTAINERS	$28,681,744	2.9%			
CONTAINERS — WOODEN	$16,177,252	1.6%			
CONTAINERS — ALUMINUM FOIL	$8,194,004	0.8%			
BOXES & CASES — PLASTIC	$7,422,324	0.8%			
RUBBER & PLASTIC PACKING	$4,221,672	0.4%			
TOTAL	**$987,200,396**	**100.0%**			

*Based on information from Statistics Canada, 1983.
Note: These figures summarize available public data and therefore do not include the value of all containers and packaging sold in Ontario.